Index of Claims



Application/Control No.

10/772,793 Examiner

Janet M. Wilkens

Applicant(s)/Patent under Reexamination

NARKIS ET AL.

Art Unit

3637

|   | <b>√</b> | Rejected |
|---|----------|----------|
|   | -        | Allowed  |
| l | =        | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| - | Interference |

| Α | Appeal   |
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| 0 | Objected |

|               |  |              | •            |              |          |          | J        |  | _            |                 |
|---------------|--|--------------|--------------|--------------|----------|----------|----------|--|--------------|-----------------|
| Cla           | im   |              |              |              |          | Dat      | e        |  |              |                 |
| Final         |  | Solhlo       |              |              |          |          |          |  |              |                 |
| <u> </u>      | 1  | Ť            |              | -            | -        |          | _        | 一  | -            | H               |
|               | 1<br>2<br>3<br>4<br>5                        |              |              |              |          |          | Г        | Т  | П            | П               |
|               | 3  |              |              |              |          |          | Г        |  |              |                 |
|               | 4  |              |              |              |          |          |          |  | -            |                 |
|               | 5  |              |              |              |          |          |          |  |              |                 |
| <u> </u>      | 6  | _            | _            | <u> </u>     |          |          |          | <u> </u>   |              | Ш               |
| <u> </u>      | 7<br>8                                       | _            | _            |              |          | L        | ļ        | <u> </u>   | _            | Щ               |
|               | 8  | _            | _            |              | _        | <u> </u> | L.       | <u> </u>   | L.           | Н               |
|               | 9  | -            | ┝            |              | -        | ⊢        | ├        | -  | ├-           | $\vdash$        |
|               | 10   |              |              |              |          | <u> </u> | H        |  | -            | Н               |
|               | 12   |              | ⊢            | -            | ⊢        |          | ⊢        | -  | ├            | Н               |
|               | 13   | <b>✓</b>     | ┢            | _            | $\vdash$ | $\vdash$ | $\vdash$ |  | $\vdash$     | H               |
|               | 14   | Ť            | $\vdash$     | $\vdash$     | $\vdash$ | $\vdash$ |          |  | $\vdash$     | -               |
|               | 10<br>11<br>12<br>13<br>14<br>15<br>16<br>17 | 1            | 一            | $\vdash$     | -        | $\vdash$ |          | T  | $\vdash$     | Н               |
|               | 16   | T            |              |              | _        |          |          |  |              |                 |
|               | 17   | $\sqcap$     |              |              |          |          |          |  |              |                 |
|               | 18<br>19                                     | П            |              |              |          |          |          |  |              |                 |
|               | 19   | V            |              |              |          |          |          |  |              |                 |
|               | 20<br>21<br>22                               |              |              |              |          |          |          |  |              |                 |
|               | 21   |              |              |              |          |          |          |  | L            | Ш               |
|               | 22   |              |              |              |          | <u> </u> |          | _  | <u> </u>     | Ш               |
|               | 23<br>24<br>25                               | <u> </u>     |              | <u> </u>     | ļ        | _        |          | <u> </u>   | <u> </u>     | Ш               |
|               | 24   | -            | <u> </u>     |              | ļ        | <u> </u> | <u> </u> | _  | _            | Н               |
|               | 25   | -            | -            | -            |          |          |          |  | _            | -               |
|               | 27   | -            | -            | -            | -        |          |          | <del>  .</del>                                   | -            | Н               |
| <del> </del>  | 26<br>27<br>28                               | $\vdash$     | $\vdash$     | -            | -        |          | ┝        |  | -            |                 |
| $\vdash$      | 29   | $\vdash$     | $\vdash$     |              | $\vdash$ |          |          | <del>                                     </del> | <del> </del> |                 |
|               | 29<br>30                                     |              |              |              | -        |          |          |  | $\vdash$     | $\Box$          |
|               | 31   | -            |              |              | $\vdash$ |          | $\vdash$ |  | Н            | П               |
|               | 31<br>32<br>33                               |              |              |              |          |          |          |  |              |                 |
|               | 33   |              |              |              |          |          |          |  |              |                 |
|               | 34   |              |              |              |          |          |          |  |              | Ш               |
|               | 35   | Ш            | $oxed{oxed}$ | L.           |          | L        |          | L  |              | Ш               |
|               | 36   | $\vdash$     |              | <u> </u>     |          |          | <u> </u> | <u> </u>   |              | Ш               |
|               | 37   | $\vdash$     |              | _            |          |          |          | <u> </u>   | Ц.,          | Щ.              |
|               | 38   |              |              |              |          | $\vdash$ | _        | <u> </u>   | H            | $\vdash \vdash$ |
| <del>  </del> | 39   | -            |              | -            | L        | $\vdash$ | _        | $\vdash$   | H            | Н               |
|               | 40<br>41                                     | <del> </del> | -            | <del> </del> | -        | <b></b>  |          | <u> </u>   | -            | Н               |
|               | 41   | $\vdash$     | $\vdash$     | $\vdash$     |          | -        |          | -  |              | $\vdash$        |
|               | 43   | $\vdash$     | $\vdash$     | $\vdash$     | -        | -        |          |  | H            | $\vdash$        |
|               | 44   | $\vdash$     |              |              | _        | H        |          |  | Н            | Н               |
|               | 45   | <b>-</b>     |              |              |          | Т        | _        |  |              | Н               |
|               | 46   |              |              | _            |          | Т        | _        |  |              | Н               |
|               | 47   |              |              |              |          |          |          |  |              | П               |
|               | 48   |              |              |              |          |          | Ŀ        |  |              |                 |
|               | 49   |              |              |              |          |          |          |  |              |                 |
|               | 50   |              |              |              |          |          |          |  |              |                 |

| Cla      | aim      | <u> </u> |              |          |          | Dat      | <u>e</u> |  | _        | _        |
|----------|----------|----------|--------------|----------|----------|----------|----------|--|----------|----------|
| Final    | Original |          |              |          |          |          |          |  |          |          |
|          | 51       |          |              |          |          |          |          | _  |          |          |
|          | 52       |          | Г            |          |          | Π        |          | Г  |          |          |
|          | 53       |          |              |          |          |          |          | Г  |          | Г        |
|          | 54       |          |              |          |          | П        |          | Г  | ٠,       | Г        |
|          | 54<br>55 |          |              |          |          |          | Г        |  |          | Г        |
|          | 56       |          | Π            |          |          | Г        |          |  |          | Ī        |
|          | 57       |          |              |          |          |          | $\vdash$ |  |          | Γ        |
|          | 58       |          |              |          | Г        |          | Г        |  |          |          |
|          | 59       |          |              |          | Г        |          | Г        |  |          |          |
|          | 60       |          |              | П        |          |          |          |  |          |          |
|          | 61       |          |              |          |          |          |          |  |          |          |
|          | 62       |          |              |          |          |          |          |  |          |          |
|          | 63       |          |              |          |          |          |          |  |          | Γ        |
|          | 64       |          | П            |          |          |          |          |  |          | Γ        |
|          | 65       |          |              |          |          |          |          |  |          |          |
|          | 66       |          |              |          |          |          |          |  |          |          |
|          | 67       |          |              |          |          |          |          |  |          | Г        |
|          | 68       |          |              |          |          |          |          |  |          |          |
|          | 69       |          |              |          |          |          |          |  |          | Г        |
|          | 70       |          |              |          |          |          |          |  |          | Г        |
|          | 71       |          |              |          |          |          |          |  |          |          |
|          | 72       |          |              |          |          |          |          |  |          |          |
|          | 73       |          |              |          |          |          |          |  |          |          |
|          | 74       |          |              |          |          |          |          |  |          |          |
|          | 75       |          |              |          |          |          |          |  |          |          |
| L        | 76       |          |              |          |          |          |          |  |          |          |
| L        | .77      |          | L            |          |          |          |          |  |          |          |
| <u></u>  | 78       |          |              |          |          |          | L        |  |          | L        |
|          | 79       |          |              |          | ·        |          | L        |  |          | L        |
|          | 80       |          |              |          |          |          |          |  |          | L        |
|          | 81       | <u> </u> |              |          | <u> </u> |          |          |  |          |          |
|          | 82       |          |              | _        |          |          |          |  |          |          |
|          | 83       |          |              | _        |          | L_       |          |  | <u> </u> | L.       |
| L        | 84       |          |              | <u> </u> |          | <u> </u> |          |  |          | L        |
| L        | 85       |          | L.           | L        | L_       | <u> </u> | <u> </u> | L  | L        | L        |
| <u> </u> | 86       |          | <u> </u>     | <u> </u> | L        | <u> </u> | <u> </u> | <u> </u>   | L        | L        |
| <u></u>  | 87       | _        | <u> </u>     | <u> </u> | <u> </u> | <u> </u> |          | <u> </u>   | <u> </u> | L        |
| <u> </u> | 88       |          | _            |          |          | <u> </u> | ļ        | <u> </u>   | <u> </u> | L        |
|          | 89       | <u> </u> | <u> </u>     | _        | <u> </u> | <u> </u> |          | <u> </u>   | L_       | L        |
| <u> </u> | 90       | L_       | <u> </u>     | <u> </u> | ļ        | <u> </u> | _        | $\vdash$   | L.,      | L        |
| L.       | 91       |          | <u> </u>     | <u> </u> |          | <u> </u> | <u> </u> | <u> </u>   | H        | L        |
|          | 92       | <u> </u> | <u> </u>     | <b> </b> | <u> </u> | _        | <u> </u> | $\vdash$   | L.,      | L        |
| ļ        | 93       | <u> </u> | $\vdash$     | <u> </u> | <u> </u> | <u> </u> | _        | <u> </u>   |          | L        |
| <u> </u> | 94       | _        | <u> </u>     | <b> </b> | ļ        | ļ        | _        | <u> </u>   | Ь.       | L        |
| ļ        | 95       | <u> </u> | <del> </del> | ļ        | <u> </u> | <u> </u> | <u> </u> | <u> </u>   | <u> </u> | ┡        |
|          | 96       | <u> </u> | ļ            | <u> </u> | <u> </u> | <u> </u> | _        | <u> </u>   |          | $\vdash$ |
|          | 97       | <u> </u> | <del> </del> | ├—       | <u> </u> | $\vdash$ | <u> </u> | <u> </u>   | <u> </u> | H        |
|          | 98       | <u> </u> | H            | <u> </u> |          | <u> </u> | <u> </u> | <u> </u>   |          | H        |
|          | 99       | -        | <u> </u>     | <u> </u> | -        |          |          | <del>                                     </del> | $\vdash$ | _        |
|          |          |          |              |          |          |          |          |  |          |          |

| E      | Cla   | aim | Ι      | <br>     | -      | Dat      | <u>—</u>     |          |   |   | ] | Cl    | aim | -                 |   |   | Da           | te      |         | , |   |
|--|-------|-----|--------|----------|--------|----------|--------------|----------|---|---|---|-------|-----|-------------------|---|---|--------------|---------|---------|---|---|
| 51     101       52     102       53     103       54     104       55     106       56     106       57     107       58     108       59     109       60     110       61     111       62     112       63     114       65     115       66     116       67     117       68     118       69     119       70     120       71     121       72     122       73     123       74     124       75     125       76     126       77     127       78     129       80     130       81     131       82     132       83     133       84     134       85     135       86     133  | J10   |     |        | П        | Γ      | <u> </u> | Ť            | Г        | Т | Т | 1 | 010   |     | $\vdash$          |   | Т   | Ť            | Ť       | т-      | Г |   |
| 102  | Final |     |        |          |        |          |              |          |   |   |   | Final |     |                   |   |   |              |         |         |   |   |
| 103  |       | 51  |        |          |        |          |              |          |   |   | ] |       |     |                   |   | T   |              |         |         |   |   |
| 104  |       | 52  |        |          |        |          |              |          |   |   | ] |       | 102 |                   | $oldsymbol{ol}}}}}}}}}}}}}}}$ | I   | $oxed{T}$    | oxdot   |         |   |   |
| 105   106   107   107   108   109    |       | 53  |        |          |        |          |              |          |   |   |   |       |     |                   |   | Τ   |              |         |         | Π |   |
| 56     106     107     106     107     108     108     108     109     109     109     109     109     110     111   |       |     |        |          |        |          |              |          |   |   | ] |       | 104 |                   |   | Т   |              |         |         |   |   |
| 107  |       | 55  |        |          |        |          |              |          |   |   | ] |       | 105 | Ţ                 |   |   |              |         |         |   |   |
| 58     108       59     109       60     110       61     111       62     112       63     113       64     114       65     115       66     116       67     117       68     119       69     119       70     120       71     121       72     122       73     123       74     124       75     126       77     127       78     128       79     129       80     130       81     131       82     132       83     133       84     135       86     136       87     137       88     133       89     139       90     140       91     141       92     142       94     144  |       |     |        |          |        |          |              |          |   |   | ] |       |     |                   |   |   |              |         |         |   |   |
| 109  |       |     |        |          |        |          | L            |          |   |   |   |       |     |                   |   |   |              |         |         |   |   |
| 110  |       |     |        |          |        |          | L            |          |   |   |   |       |     |                   |   |   |              |         |         |   |   |
| 61   |       |     |        |          |        |          |              |          |   |   |   |       |     |                   |   |   | $\perp$      |         |         |   |   |
| 62   |       |     | $\Box$ | <u> </u> |        | L        |              | <u> </u> |   |   |   |       |     |                   | $\perp$   |   | $\perp$      |         |         |   |   |
| 63   |       |     |        |          |        |          |              |          |   | L | ] |       |     |                   | $\perp$   |   | $\perp$      |         |         |   |   |
| 114  |       |     |        |          |        |          |              | oxdot    |   |   | ] |       |     |                   |   | Ĺ   | $\perp$      |         |         |   | Ĺ |
| 65   |       |     |        |          |        |          |              |          |   |   |   |       |     |                   |   |   |              |         |         |   |   |
| 116  |       |     |        |          |        |          |              |          |   |   |   |       |     |                   |   |   |              |         |         |   |   |
| 67   68     68   118     69   119     70   120     71   121     72   122     73   123     74   124     75   126     77   127     78   128     79   129     80   130     81   131     82   132     83   133     84   134     85   135     86   136     87   137     88   139     90   140     91   141     92   142     93   144     95   146     97   148     99   148   |       |     |        | 匚        | $\Box$ | 匚        |              | 匚        |   |   |   |       |     |                   |   |   |              |         |         |   |   |
| 68   118     69   119     70   120     71   121     72   122     73   123     74   124     75   125     76   126     77   127     78   129     80   130     81   131     82   132     83   133     84   134     85   135     86   136     87   138     89   139     90   140     91   141     92   142     93   143     144   95     96   146     97   148     99   148  |       |     |        | L        |        | 匚        |              |          | L | L |   |       |     | $\Box \Box$       |   |   |              | $\perp$ | $\Box$  |   | L |
| 69   119     70   120     71   121     72   122     73   124     75   125     76   126     77   127     78   128     79   129     80   130     81   131     82   132     83   133     84   134     85   135     86   136     87   138     89   139     90   140     91   141     92   142     93   143     143   144     95   146     97   147     98   148     99   148   |       |     |        |          | L      | L        |              | $\Box$   |   |   | ] |       |     |                   |   |   |              |         |         |   |   |
| 70   120     71   121     72   123     73   124     75   125     76   125     77   127     78   128     79   129     80   130     81   131     82   132     83   133     84   134     85   136     86   136     87   137     88   139     90   140     91   141     92   142     93   143     94   144     95   145     96   146     97   147     98   148   |       |     |        |          |        |          |              |          |   |   |   |       |     |                   |   |   |              |         |         |   |   |
| 71   121     72   122     73   124     75   125     76   126     77   127     78   129     80   130     81   131     82   132     83   133     84   134     85   136     87   137     88   138     89   139     90   140     91   141     92   142     93   143     94   144     95   146     97   147     98   148     99   149   |       |     |        |          |        |          |              |          |   |   |   |       |     |                   |   |   |              |         |         |   |   |
| 72   122     73   124     75   125     76   126     77   127     78   128     79   129     80   130     81   131     82   132     83   133     84   134     85   135     86   136     87   137     88   139     90   140     91   141     92   142     93   143     94   144     95   146     97   148     99   149  |       |     |        |          |        |          |              |          |   |   |   |       |     |                   |   |   |              |         |         |   |   |
| 72   122   123     74   124   125     75   126   127     78   128   79     80   130   131     81   131   132     83   133   134     85   135   136     86   136   137     88   138   139     90   140   141     92   140   141     93   143   143     94   144   145     96   146   147     98   149   149   |       |     |        |          | L      |          | L            | L        |   | 匚 |   |       | 121 |                   | $oldsymbol{\mathbb{L}}$   | $\perp$   |              | $\prod$ |         |   | Ĺ |
| 74   124     75   125     76   126     77   127     78   128     79   129     80   130     81   131     82   132     83   133     84   134     85   135     86   136     87   137     88   139     90   140     91   141     92   142     93   143     94   144     95   146     97   147     98   149   |       |     |        |          |        |          |              |          |   |   |   |       | 122 |                   |   |   |              |         |         |   |   |
| 75   125     76   126     77   127     78   128     79   129     80   130     81   131     82   132     83   133     84   134     85   135     86   136     87   137     88   139     90   140     91   141     92   142     93   143     94   144     95   146     97   147     98   149  |       |     |        |          |        |          |              |          |   |   |   |       |     |                   |   |   |              |         |         |   |   |
| 76   126     77   127     78   128     79   129     80   130     81   131     82   132     83   133     84   134     85   135     86   136     87   137     88   139     90   140     91   141     92   142     93   143     94   144     95   146     97   147     98   149   |       | 74  |        |          |        |          |              |          |   |   |   |       | 124 |                   |   |   |              |         |         |   |   |
| 77   127     78   128     79   129     80   130     81   131     82   132     83   133     84   134     85   135     86   136     87   137     88   139     90   140     91   141     92   142     93   143     94   144     95   146     97   147     98   149  |       | 75  |        |          |        |          |              |          |   |   |   |       |     |                   |   |   |              |         |         |   |   |
| 78   128     79   129     80   130     81   131     82   132     83   133     84   134     85   135     86   136     87   137     88   138     89   139     90   140     91   141     92   142     93   143     94   144     95   146     97   147     98   149  |       |     |        |          |        |          |              |          |   |   |   |       |     |                   |   |   |              |         |         |   |   |
| 79   129     80   130     81   131     82   132     83   133     84   134     85   135     86   136     87   137     88   139     90   140     91   141     92   142     93   143     94   144     95   145     96   146     97   148     99   149   |       |     |        |          | L      |          |              |          |   |   |   |       | 127 |                   |   |   |              |         |         |   |   |
| 80 130   81 131   82 132   83 133   84 134   85 135   86 136   87 137   88 138   89 139   90 140   91 141   92 142   93 143   94 144   95 145   96 146   97 148   99 149   |       |     |        |          |        |          | $oxed{oxed}$ |          |   |   |   |       |     |                   |   |   |              |         |         |   |   |
| 81   131     82   132     83   133     84   134     85   135     86   136     87   137     88   139     90   140     91   141     92   142     93   143     94   144     95   145     96   146     97   148     99   149   |       |     |        |          | •      |          |              |          |   |   |   |       |     |                   |   | Τ   |              |         |         |   |   |
| 82   132     83   133     84   134     85   135     86   136     87   137     88   139     90   140     91   141     92   142     93   142     93   144     95   145     96   146     97   147     98   149  |       |     |        |          |        |          |              |          |   |   |   |       |     |                   |   |   |              |         |         |   |   |
| 83   133     84   134     85   135     86   136     87   137     88   139     90   140     91   141     92   142     93   143     94   144     95   145     96   146     97   147     98   149   |       |     |        |          |        |          | L            |          |   |   |   |       | 131 |                   | $\int$  | $\perp$   | $\perp$      |         | $\Box$  |   |   |
| 83   133     84   134     85   135     86   136     87   137     88   139     90   140     91   141     92   142     93   143     94   144     95   145     96   146     97   147     98   149   |       | 82  |        |          |        |          |              |          |   |   | [ |       | 132 |                   |   |   | $oxed{\Box}$ |         |         |   |   |
| 85   135     86   136     87   137     88   139     90   140     91   141     92   142     93   143     94   144     95   145     96   146     97   148     99   149   |       | 83  |        |          |        |          |              |          |   |   |   |       | 133 |                   |   | $\prod$   | Ι            |         |         |   |   |
| 86   136     87   137     88   138     89   139     90   140     91   141     92   142     93   143     94   144     95   145     96   146     97   147     98   148     99   149  |       |     |        |          |        | L        |              |          | 匚 |   | [ |       |     | $\Box \Gamma$     | $\int$  |   |              |         |         |   |   |
| 87   137     88   138     89   139     90   140     91   141     92   142     93   143     94   144     95   145     96   146     97   147     98   148     99   149   |       |     |        |          |        | Ĺ        | L            |          |   |   | [ |       |     | $\Box \mathbb{I}$ | $oldsymbol{ol}}}}}}}}}}}}}} $ | I   | $\perp$      |         |         |   |   |
| 88   138     89   139     90   140     91   141     92   142     93   143     94   144     95   145     96   146     97   147     98   148     99   149  |       |     |        |          |        |          |              |          |   |   |   |       | 136 |                   |   | Ι   | $oxed{\Box}$ |         |         |   |   |
| 89   139     90   140     91   141     92   142     93   143     94   144     95   145     96   146     97   147     98   148     99   149   |       |     |        |          |        |          |              |          |   |   |   |       |     |                   |   |   | $oxed{\Box}$ |         |         |   |   |
| 90   |       |     |        |          |        |          |              |          |   |   |   |       |     |                   |   |   |              |         |         |   |   |
| 91   |       |     |        |          |        |          |              | Ĺ        |   |   | [ |       | 139 |                   | $oldsymbol{\perp}$  |   | I            |         |         |   |   |
| 92   |       |     |        |          |        |          |              |          |   |   |   |       |     |                   |   | $oxed{\Box}$                                      | $oxed{\Box}$ |         |         |   |   |
| 92   |       |     |        |          |        |          |              |          |   |   |   |       | 141 |                   | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$   | Ι   |              |         |         |   |   |
| 94   |       |     |        |          |        |          |              |          |   |   |   |       | 142 |                   |   | Ι   | $oxed{oxed}$ |         |         |   |   |
| 95   145   146   97   147   98   148   99   149   149   149  | ]     | 93  |        |          |        |          |              |          |   | L |   |       |     |                   |   | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |              |         | $L^{-}$ |   |   |
| 96   |       |     |        |          |        |          |              |          |   |   |   |       |     |                   |   | $oxed{\Box}$                                      | $oxed{oxed}$ |         |         |   |   |
| 97   147   148   99   14 |       |     |        |          |        |          | 匚            |          |   |   |   |       |     |                   | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$   | $\perp$   | $oxed{\Box}$ |         |         |   |   |
| 98 148 149 149 149 149 149 149 149 149 149 149   |       |     | $\Box$ |          |        |          | 匚            |          |   |   | [ |       |     |                   |   | $\perp$   | $oxed{\bot}$ |         |         |   |   |
| 99 149 149   |       |     |        |          |        |          |              |          |   |   |   |       |     | $\Box I$          |   | $\perp$   | L            |         |         | L |   |
|  |       |     |        |          |        |          |              |          |   |   |   |       |     | $\Box$            | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$   | Ι   |              |         |         |   |   |
| 100  |       |     |        |          |        |          |              |          |   |   |   |       | 149 |                   | $oldsymbol{ol}}}}}}}}}}}$   | I   |              |         |         |   |   |
|  |       | 100 |        |          |        |          |              |          |   |   |   |       | 150 |                   | I   | Ι   | Ι            | Γ       |         |   |   |